

Title (en)  
Thermoplastic elastomeric resin composition

Title (de)  
Thermoplastisch elastomere Harzzusammensetzung

Title (fr)  
Composition de résine élastomère thermoplastique

Publication  
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Application  
**EP 02012696 A 19970709**

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Abstract (en)  
The invention provides a thermoplastic elastomeric resin composition comprising (a) 100 parts by weight of a block copolymer consisting of at least two polymeric blocks (A) composed mainly of a vinyl aromatic compound and at least one polymeric block (B) composed mainly of isoprene, and/or a hydrogenated block copolymer obtained by hydrogenating said block copolymer, wherein 70 to 100 % by weight of isoprene is in 1,4-microstructure. (b) 40 to 240 parts by weight of a non-aromatic softening agent for rubber, (c) 5 to 150 parts by weight of polyethylene or a copolymer composed mainly of ethylene, (d) 5 to 80 parts by weight of polypropylene or a copolymer composed mainly of propylene, and (f) 0.1 to 1.5 parts by weight of an organic peroxide per 100 parts by weight of a total amount of components (a) to (d), wherein component (c) is one which has been prepared using a single site catalyst. The composition is soft and excellent in heat deformation resistance and mechanical strength, moldability and processability and shows good results in the extraction tests.

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[X] WO 9527756 A1 19951019 - ESPOSITO ANTHONY S JR [US], et al

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